
North America's Leader in Hazardous Material Information Management
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Rust-Oleum Corporation CD
Product Name: Anti-Slip Aerosol-Black (DISCONTINUED)

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| M A T E R I A L   S A F E T Y   D A T A   S H E E T |
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|           SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION           |
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PRODUCT NAME : ANTI-SLIP AEROSOL-BLACK
 IDENTIFICATION NUMBER: AS2178 830
 DATE PRINTED : 01/28/02

PRODUCT USE/CLASS : HARD HAT-ANTI-SLIP SPRAY

SUPPLIER:

Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, Illinois
 60061 USA

MANUFACTURER:

Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, Illinois
 60061 USA

(847) 367-7700 Rust-Oleum Corp.
 8:00 AM-4:30 PM/24-hr Emer.Assist

(847) 367-7700 Rust-Oleum Corp.
 8:00 AM-4:30 PM/24-hr Emer.Assist

PREPARER: L.J.W., PHONE: 847-816-2445, PREPARE DATE: 01/28/02

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|           SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS           |
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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	XYLENE	1330-20-7	25.0 %
02	Propane-Isobutane-n-Butane	74-98-6	25.0 %
03	ACETONE	67-64-1	15.0 %
04	ETHYLBENZENE	100-41-4	10.0 %
05	MAGNESIUM SILICATE HYDRATE/TALC	14807-96-6	10.0 %
06	TOLUENE	108-88-3	5.0 %
07	Carbon Black	1333-86-4	5.0 %
08	MIXED COBALT CARBOXYLATES	NOT AVAILABLE	5.0 %

----- EXPOSURE LIMITS -----						
ITEM	ACGIH		OSHA		MEXICAN	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	100PPM	150PPM	100PPM	N.E.	100 PPM	YES
02	1000 ppm	N.E.	1000 ppm	N.E.	N.E.	NO
03	750 PPM	1000 PPM	750 PPM	N.E.	N.E.	NO
04	100 PPM	125 PPM	100 PPM	N.E.	N.E.	YES
05	10mg/m3	N.E.	15mg/m3	N.E.	N.E.	NO
06	50 PPM	150 PPM	200 PPM	300 PPM	N.E.	YES
07	3.5 mg/m3	N.E.	3.5 mg/m3	N.E.	N.E.	NO
08	N.E.	N.E.	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

(Continued on Page 2)

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| SECTION 3 - HAZARDS IDENTIFICATION |
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*** EMERGENCY OVERVIEW ***: Do not taste or swallow.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Overexposure to toluene in laboratory animals has been associated with liver abnormalities, kidney, lung and spleen damage. Effects in humans have included liver and cardiac abnormalities. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black. Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4-"not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula. Contains a Cobalt compound. IARC lists Cobalt and Cobalt compounds as possible human carcinogens (group 2B). However, there is inadequate evidence of the carcinogenicity of cobalt and cobalt compounds in humans and limited evidence in experimental animals.

PRIMARY ROUTE(S) OF ENTRY: SKIN ABSORPTION INHALATION EYE CONTACT

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| SECTION 4 - FIRST AID MEASURES |
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FIRST AID - EYE CONTACT: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention

(Continued on Page 3)

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| SECTION 4 - FIRST AID MEASURES |
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if irritation develops or persists.

FIRST AID - INHALATION: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

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| SECTION 5 - FIRE FIGHTING MEASURES |
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FLASH POINT: -99 F LOWER EXPLOSIVE LIMIT: 1.0 %
(SETAFLASH CLOSED CUP) UPPER EXPLOSIVE LIMIT: 12.8 %

AUTOIGNITION TEMPERATURE: ND

EXTINGUISHING MEDIA: DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information.

SPECIAL FIREFIGHTING PROCEDURES: No Information.

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| SECTION 6 - ACCIDENTAL RELEASE MEASURES |
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: No Information.

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| SECTION 7 - HANDLING AND STORAGE |
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HANDLING: Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Keep away from heat, sparks, flame and sources of ignition.

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| SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION |
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ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace

(Continued on Page 4)

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: 133 - 284 F	VAPOR DENSITY	: Is heavier than air
ODOR	: SOLVENT	ODOR THRESHOLD	: ND
APPEARANCE	: LIQUID	EVAPORATION RATE	: Is faster than Ether
SOLUBILITY IN H2O	: SLIGHT		
FREEZE POINT	: ND	SPECIFIC GRAVITY	: 0.8972
VAPOR PRESSURE	: ND	pH @ 0.0 %	: ND
PHYSICAL STATE	: LIQUID	VISCOSITY	: ND
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND			

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No Information.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: By open flame, carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
XYLENE	RAT 4300MG/KG	RAT 5000PPM 4HR
		(Continued on Page 5)

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|               SECTION 11 - TOXICOLOGICAL PROPERTIES               |
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----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
Propane-Isobutane-n-Butane	No Information	No Information
ACETONE	RAT 5800MG/KG	RAT 50100MG/M^3 8H
ETHYLBENZENE	RAT 3500MG/KG	N.A.
MAGNESIUM SILICATE HYDRATE/TALC	None	TCLo:11mg/m3 inh.
TOLUENE	RAT 5000MG/KG	MOUSE 5320PPM 8HR
Carbon Black	N.A.	N.A.
MIXED COBALT CARBOXYLATES	1200-1600 MG/KGRAT	>5.0 MG/L RAT

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|               SECTION 12 - ECOLOGICAL INFORMATION               |
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ECOLOGICAL INFORMATION: Product is a mixture of listed components. According to our raw material suppliers, all components are listed on the TSCA inventory as required or meet the polymer exemption as defined in Section 5.5.2 of the Toxic Substances Control Act.

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|               SECTION 13 - DISPOSAL CONSIDERATIONS               |
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DISPOSAL METHOD: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

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|               SECTION 14 - TRANSPORTATION INFORMATION           |
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DOT PROPER SHIPPING NAME: AEROSOL

DOT TECHNICAL NAME:

DOT HAZARD CLASS: 2

HAZARD SUBCLASS: 1

DOT UN/NA NUMBER: UN1950

PACKING GROUP:

RESP. GUIDE PAGE: 126

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|               SECTION 15 - REGULATORY INFORMATION               |
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U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

(Continued on Page 6)

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SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
XYLENE	1330-20-7	25.0 %
ETHYLBENZENE	100-41-4	10.0 %
TOLUENE	108-88-3	5.0 %
MIXED COBALT CARBOXYLATES	NOT AVAILABLE	5.0 %

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Epoxy Resin	Proprietary

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
Epoxy Resin	Proprietary
Polyethylene Powder	Proprietary

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

CHEMICAL NAME	CAS NUMBER
TOLUENE	108-88-3

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: A B5 D2A D2B

(Continued on Page 7)

Product: AS2178 830 Preparation Date: 01/28/02 Page 7

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| SECTION 16 - OTHER INFORMATION |
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HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 4 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 06/28/00

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

: No Information.

The information contained on this MSDS has been checked and should be
accurate. However, it is the responsibility of the user to comply with all
Federal, State, and Local laws and regulations.
